

SECRET-CONFIDENTIAL/US OFFICIALS ONLY Annex 4b

25X1A

Annex 4b

List of Railroad Bridges in Rumania with a Total
Length of more than 20 m.

Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the Stations of:
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I. Section CHITILA - PITESTI - JILBOLL.

1.	Dambovită	steel	1x50	Contesti-Titu
2.	Carciinov	"	1x42	Leordeni-Calinești
3.	Arges	"	4x48.80	
			1x39.30	
			234.50	Golesti-Pitesti
4.	Geamana	brickstone	2x8	
			1x12	
			28	Pitesti-Brad
5.	Cotnenna	steel	2x30	Stolnici-Corby
6.	Vedea	"	2x30	" "
7.	Plapcea	"	1x45	Sinesti-Poteoava
8.		solid stone	2x8	
		arches	1x10	
			26	Liericesti-Recea
9.		solid stone	2x8	
		arches	1x10	
			26	Slatina-Slatioara
10.	Olt	steel	2x46	
			5x56	
			372	" "
11.	Criva	"	1x38	Slatioara-Miatra Olt
12.	Oltet	"	3x50	Bals-Spineni
13.		solid stone	3x10	Spineni-Pielesti
		arches		
14.	Amaradia	steel	2x55	Craiova-Isalnita
15.	Jiu	"	5x42	Milasi-Butoesti
16.	Lotru	"	2x45	Butoesti-Strehaia
17.	Busnita	"	1x50	Brunisor-Balota
18.	Topolita	"	2x40	Simian-Turnu Severin
19.	Gura Vail	"	2x20	Gura Vail-Varciorova
	(Bahna)			
20.	Cerna	"	1x82	Orsova-Toplet
21.	Bela reca	"	1x51	Baile Herculeane-Lehadia
22.	"	"	1x100	Lehadia-Jablanita
23.	Blebul	"	1x51	" "
24.	"	"	1x50	Crusovat-Domasnea
25.	Domasnea	"	1x36	Idem
26.	"	"	1x31	"
27.	Timis 2	"	1x30	
			1x11	
			41	Beregova-Armenis
			1x40	
			1x41	
			1x30	
			1x30	
			1x30	Polisoara-Catpa

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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the stations of:
33.	Timis 7	steel	1x72	Balta Barata-Caran- sebes
34.	" 8	"	2x30 <u>1x34</u> 94	Jabar-Belint
35.	Bega	"	2x25 <u>1x30</u> 80	Chisatau-Topolovat

II. Section TITU - PIETROSITA

36.	Dambovita	steel	4x25	Titu-Banesti
37.	Jalimita	"	8x31	Targoviste-Teis
38.	Bezdedel	"	2x31	Teis-Doicosti
39.	Jalomita	"	6x31	Fucloasa
40.	"	"	3x31	" - Fieni
41.	"	"	2x30	Tepes-Pietrosita

III. Section GOILBETI - CALPULUNG

42.	Doamnei	steel	2x59 <u>1x70</u> 188	Florica-Cropeni
43.	"	"	2x43 <u>2x53</u> 192	Ciurlesti-Clucereasa
44.	Argesel	"	1x42	" "
45.	Targului	"	2x43	Furnicosti

IV. Section PITESTI-CURTILEA DE ARGES

46.	Doamnei	steel	1x47	Pitesti-Pitesti Nord
47.	"	"	1x31	Pitesti-Bascov
48.	Sasului	"	1x55	Lerisani-Baiculesti

V. Section COBLETI-TURNU LAZARELE PORT

49.	Vedea	steel	2x35	Fap-Rosiori
50.	Lac	"	1x49	T.Lazarele Port

VI. Section ROSIORI - ALINICHA

51.	Canal	steel	1x57	Soimul-Ulmulet
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VII. Section PLATRA OLT - COBLETI

52.	Oltet	steel	2x40 <u>1x49</u> 129	Falcoiul
53.	"	"	1x31	Comula-Carsaesti

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Number on chart	River or Valley	Type of structure	Total Length: (spans in meters)	Located between the stations of:
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VIII. Section PLOTTA Olt-GRANTOUL VALCEA-SIBIU

54.	Beica	steel	1x42	Arcesti
55.	Manu	"	1x31	Sirejesti-Dragasani
56.	Pesteana	"	2x24 1x29 77	" "
57.	Misipcasa	"	1x31	Zavideni-Orlesti
58.	Luncavut	"	1x42	Babeni-Francesti
59.	Bistita	"	2x31	" "
60.	Barseson	"	1x31	Francesti-Govora
61.	Ulanesti	"	2x24 1x29 77	Auroni-r.Valcea
62.	Olt	"	4x50	R.Valcea-Baesti
63.	Coisca	"	2x30	Baesti-Valcea
64.	"	"	1x31	Lotrul-Cornet
65.	Olt	"	3x40	Podul Olt-Talmaci
66.	"	"	1x77.60	Raul Vadului-T.rosu
67.	Cibin	"	1x12 3x36 1x 9 129	P.Olt-Talmaci
68.	Podul	"	1x31	
69.	Seviz	"	2x25	Selimber

IX. Section CRAIOVA - CALAFAT

70.	Revars-Jul	steel	1x30	Craiova Livezi
71.	Jiu	"	3x58 2x51 278	" "
72.	Desnatiutal	"	1x30	Portaresti-Afunati
73.	"	"	1x30	" "

X. Section PLOTTA - BUMBULESTI

74.	Gilort	steel	6x15	Barbatesti-Carbunesti
75.	"	"	5x16	Furburea-Bibesti
76.	"	"	5x16	Carbunesti
77.	Blanita	"	3x15	Rojogeni-Copceioasa
78.	Amaraia	"	2x15	Tg.Jiu-Braajba

XI. Section CARANSEBES - SIBIU CALAFAT

79.	Timis	steel		Caransebes
80.	Bistra	"	3x26	Berdinand-Zavoia
81.	Parcacia	"	1x28	Batog-Sub Cetate

XII. Section ILIA - LUGOJ - CALAFAT

82.	Aures	steel	4x52	Ilia-Dobra
83.	"	"	7x13	" "
84.	Timis	"	2x41	Lugojabator
85.	Berzoia	"	1x46	Sosdea-Cataia

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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the Stations of:
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XV. Section TIMISOARA - RADNA

86.	Lures	steel	2x47 2x40 1x72 206	Radna-Lipova
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XVI. Section ARAD - SAN ANDREI

87.	Lures	steel	3x50 2x75 300	Arad-Aradul Nou
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XVIII. Section TIMISOARA - CRUCANI

88.	Bega	steel	1x34	Timisoara-Flavia
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XIX. Section VOTRENI - RESITA

89.	Berzovia	steel	1x31	Birda-Gatais
90.	"	"	2x9 1x23 41	Calnic-Resita

XXIII. Section TIMISOARA-JLBUL-BULIARA-GRAVITA

91.	Bega	steel	1x42	Timisoara-Chisoda
92.	Timis	"	1x51 1x66 1x37 1x30 184	Timiseni-Padureni
93.	Berzovia	"	3x10	Beta-Denta

XXIV. Section BERZOVIA - GRAVITA

94.	Caras	steel	3x10	Cacoveni-Tagadici
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XXV. Section GRAVITA - ANINA

95.	Jitin (Viaduct)	steel	4x16	Lisa-Galiste
96.	"	"	2x16	Garlista-Anina

XXVI. Section CHISODA - BULIAR

97.	Timis	steel	6x20 2x40 200	Buliac
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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the Stations of:
<u>XXVII. Section TEIUS-COSLARU-SIBERIA-ALBA</u>				
98.	Teius	steel	1x49	Teius-Coslaru
99.	Ampoiul	"	2x30	Santimbrul-A. Julia
100.	"	"	2x20	Alba-Julia-Vint
101.	Lures	"	1x70	
			1x67	
			3x29	
			197	" " "
102.	Sebes	"	1x29	" " "
103.	Sibisel	"	1x33	Vintul/Blandeana
104.	"	"	2x16	Tartaria-Sibot
105.	Pot	"	3x21	Orastie-Pricaz
106.	Streilul M.	"	1x42	
			2x31	
			104	Turdas-Semeria
107.	Fasaj superior		2x13	
			2x18	
			1x8	
			1x14	
			84	Simeria
108.	Lures	steel	1x33	
			1x31	
			1x56	
			120	Vetal-Branisca

XXIX. Section SIBIU - VINTUL - DE JOS

109.	Sibiu 3	steel	2x28	Sibiu-Turnisor
110.	Cibin	"	2x28	Turnisor-Cristian
111.	Sibiu 1	"	2x21	Urlati-Sibiel
112.	Viaduct Gales	"	2x21	
			2x50	
			142	Gales-Apold. Sus
113.	"	"	2x16	" " "
114.	Viaduct	"	2x34	" " "
	V. Figamului		1x61	" " "
			123	
115.	Viaduct	"	3x26	" " "
116.	Sebes	"	2x21	Sebes Alba-Vintul

XXII. Section SIBERIA - PETROSANI

117.	Marcadia	steel	2x24	
			1x29	
			77	Subcetate-Baesti
118.	"	"	2x16	Baesti-Fui
119.		concrete	4x16	Pestera Bloii-retro-
				sani
120.	Jui	steel	1x53	Petrosani-Livezeni
121.	"	"	1x51	Livezeni-Iscroni

XXIII. Section SIBERIA - BUCURESTI

122.		steel	1x23	
			1x 6	
			29	Simeria-Barcea

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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the Stations of:
<u>XXIV. Section PASADU - PASADU - TELUS - TUNEL</u>				
123.	Bobolia	concrete	20x14.5	Balcoi-Campina
124.	Prashova 2	steel	3x38	Campina-Breaza
125.	" 3	"	2x44	Breaza-Gura Beliei
126.	" 4	"	2x44	" " "
127.	" 5	"	1x27	" " "
			<u>1x10</u>	
			37	
128.	" 6	"	2x44	Belia-Comarnic
129.	" 7	"	2x18.50	Pasada-V.Larga
130.	" 8	"	1x46	V.Larga-Sinaia
131.	" 9	"	1x42	" "
132.	Izvor	"	1x38	
			<u>74</u>	
133.	Prashova 10	"	1x38	V.Larga-Sinaia
134.	Prashova 11	"	1x18	
			2x14	
			<u>1x8</u>	" "
			54	
135.	" 12	"	2x18	
			<u>1x19</u>	
			55	" "
136.	" 13	"	1x32	
			<u>1x 8</u>	
			40	
137.	" 14	"	4x14	Sinaia-Poiana-Tapu- lu1
138.	" 15	"	3x18	" " "
139.	"	concrete arches	1x31	Brasov-Bod
140.	Barza	steel	1x41	Bod-Beldicara
141.	Homorod	"	1x41	" "
142.	Olt	"	2x36	
			<u>1x62</u>	Augustin-Racos
			134	
143.	Olt	"	1x31	Racos-Mateias
144.	Homorod	"	1x41	Mateias-Rupea
145.	"	"	1x52	Rupea-Homorod
146.	"	"	1x31 ²	Homorod-Cateia
147.	"	"	1x34 ²	Lurenii-Saseni
148.	Archita	"	2x15	" "
149.	Chezd	"	3x17	Saseni-Vanatori
150.	Tarnava M.l.	"	1x25	
			<u>1x53</u>	Laslea-Sighisoara
			79	
151.	" M.2	"	1x31	
			<u>1x62</u>	Sighisoara-Hetur
			83	
152.	" M.3	"	1x31	
			<u>1x51</u>	" "
			82	
153.	" M.4	"	1x31	
			<u>1x51</u>	Danes-Duna
			82	
154.	Viza	"	2x51	Copsa-nicasasa
			<u>1x31</u>	
			133	
156.	Tarnava Mica	"	2x40	Blaj - Craicunel
157.	Lures	"	3x50	Mihail-P.ures

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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the stations of:
158.	Teius	steel	1x48	Pacures-Teius
159.	Mind	"	1x41	Mind-Miraslau
160.	Mries	"	4x19	Campia Turzii-Canepesti

XXXVI. Section PLOESTI - BUDA - SLANIC

161.	Slanic 1	steel	2x26	Buda-Gageni
162.	" 2	"	2x30	" "
163.	" 3	"	1x50	Malaesti-P.Slanic

XXXVIII. Section CAMPINA - DOFTANA

164.	Frahova	steel	5x26	Campina-Campinita
165.	Doftana	"	2x23	Campinita-Boftana
			3x30	
			113	

XXXIX. Section BRASOV - ZORNESTI

166.		wood	3x10	Magurele-Christian
167.		"	6x10	Rasnov-Tohanul Vechi

IV. Section BRASOV - PODUL OLT

168.		steel	2x20	Chimbav-Codlea
169.	Viaduct	steel con-crete	2x12	
			2x10	
			1x36	
			1x14	Valea Homorod-Sincea Noua
170.	"	"	94	
			7x10	
			2x14	" " "
			98	
171.		steel	4x20	Sercaia-Landra
172.		wood	2x 4	
			4x10	Dridrif-Viola
173.		"	48	
			4x10	
			2x 3	Viola-Sambata
174.		"	46	
			2x 3	
			5x10	Oltet-Vistea
175.		steel	56	
176.		"	1x42	Vistea-Ucea
			1x42	
			1x8.60	Ucea-arpas
177.		"	50.60	
			1x41	
			1x8.6	Carta-Scorei
178.		"	49.6	
179.		"	3x10	
180.		"	1x10	
181.		"	1x10	
182.		"	1x10	
183.		"	1x10	
184.		"	1x10	
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295.		"	1x10	
296.		"	1x10	
297.		"	1x10	
298.		"	1x10	
299.		"	1x10	
300.		"	1x10	

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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the stations of:
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IIIV. Section BACSOV - BIANJANA

181.	olt	steel	2x16 1x22 54	Brasov-Herman
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IIIV. Section LUDOSUL - DE LURES BUDESTI

182.	Lures	steel	5x20 1x 8 108	Ludos-Ludos sat
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III. Section SIBIU-COPSA MICA

183.	Cibin	steel	2x28	Sibiu-Sibiu Pa- brica
184.	Viza 1	?	1x59.4	Oena Bail-Loannes
185.	" 2	Steel	1x36	Loannes-Vezaud
186.	" 3	"	1x16	Seica-Lare
187.	Boale	"	5x14	Agarbioiu

III. Section BOAJ - PRAD

188.		steel	1x49	Booa-Ganesti
189.		"	1x49	Boaj-Mica

IIII. Section MOSCULONI - UIOARA

190.		steel	1x22 1x18 40	
191.		"	2x25 1x40 90	

IIIVI. Section CRADIA - ALBULU - VASCAU

192.		steel	1x30	rogoz-Holod
193.	Crisul Segru	"	2x30 1x40 100	Ginta-Capalna
194.	" "	"	2x30 1x40 100	Uilacul Beiusului- Finis
195.	Dragesti	"	1x50	Finis-Beius
196.	Steiu	"	1x30	Sudrigiu-Mieni

IIIV. Section CRADIA - BUCU

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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the stations of:
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LXXV. Section BUCURARESTI - PLOESTI

199.	Paserela	steel	1x50	Buc.Chitila
200.	Pasaj	"	4x42	
			2x10	" "
			188	
201.	Colentina	"	2x20	Chitila-Buftea
202.	Ialomita	"	3x33	Peris-Crivina
203.	Prahova	"	3x45	Parhova-Brazi
204.	Pasaj sup. C.F.	"	6x15	Brazi-Ploesti
205.	Pasaj sup.	steel con- crete	1x30	Ploesti

LXXVI. Section PLOESTI - TANDARU

206.	Teleajen	steel	3x80	Corlatesti-Zanoaga
207.	Gricov	"	1x77	Ciorani-Fulga

LXXVII. Section BUZAU - TANDARU - BARBOST

208.	Nevarsare	steel	1x42	Braila-Baldovinesti
209.	"	"	1x42	Baldovinesti-Vadeni
210.	Siret	"	4x64	Vadeni-Barbosi

LXXVIII. Section GALATI - BARLAD

211.	Chinoja	steel	1x31	Boresti-Palasman
212.		steel con- crete	2x5 3x7 31	" "
213.	Barlad	steel	1x55	Grivita-Barlad

LXXIX. Section TECUCI - BARCEA

214.	Barlad	steel	1x58	Tecuci-Barcea
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LXXX. Section IARGHESSTI - TECUCI

215.	Susita	steel	4x20	Larasessti-Doaga
216.	Nevarsare	"	3x55	Cosmesti-Doaga
217.	Siret	"	4x38.6 2x75.7 2x18 432.6	" "

LXXXI. Section ADJUD - PALANCA

218.	Protus 1	steel	6x50	Urechesti-Balca
219.	" 2	"	6x50	Ureesti-Ig. Gana
220.	" 3	"	5x40	Saline-Doitana
221.	" 4	"	2x50	" "
222.	Doftana	"	1x50	" "
223.	Protus 5	"	2x50	" "
224.	" 6	"	2x30	Doftana-V. Uzului

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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the Stations of:
225.		steel	4x31	Doftana-V.Uzului
226.	Trotus 7	"	5x30	V.Uzului-Comanesti
227.	" 8	"	2x55	Comanesti-Asgau
228.	Agas	"	1x55	Asgau-Coicasa
229.	Trotus 9	"	2x45	Simbrea-Brustorosa
230.	Camenca	"	2x45	Simbrea-Brustorosa

LXXXIV. Section TECUCI - JASI

231.	Berheci	steel	1x50	Frunceasca-Berheci
232.	Barlad 1	"	1x42	Tutova-Barlad
233.	"	"	1x46	Barlad-Zorleni
234.	Barlad 2	"	1x42	Mosiesti-Crasna
235.	" 3	"	1x42	" "
236.	" 4	"	1x42	Crasna-Munteni
237.	" 5	"	1x42	Lunteni-Vaslui
238.	" 6	"	1x31	Vaslui-Balteni
239.	Ludeasca	"	1x30	Balteni-Barzesti
240.	Bahlui	"	1x30	Nicolina-Jasi

LXXXVI. Section JASI-UNGHENI PRUT

241.	Bahlui 2	steel	1x30	Socola
242.	" 2	"	3x26	Socola-Cristesti
243.	Jijia	"	5x30	Cristesti-Ungeni
244.	Dragestina	"	1x30	" "
245.	Prut	"	2x70	" "

LXXXVII. Section CUCUTENI - DOROHOI

246.		steel	1x31	Larga-Vladeni
247.	Jijia 1	"	1x41.5	Reuseni-Todireni
248.	"	"	1x41	Reuseni-Todireni
249.	"	"	2x560	" "
			1x 31	Todireni-Zlatunovai
			42.2	" "
250.		"	1x41	" "
251.	Jijia 2	"	1x41	Trusesti-Dangeni
252.	" 3	"	1x41	Dangeni-Ungureni
253.	" 4	"	1x41	" "
254.	" 5	"	1x41	Ungureni-Vorniceni
255.		"	1x41	" "
256.	Jijia 6	"	1x41	" "
257.		"	1x31	" "
258.		"	1x31	Vorniceni-Carasu
259.		"	1x31	Carasu-Dorohoi
260.		"	1x31	" "
261.		"	1x31	" "

LXXXVIII. Section BACAU - PLATU - NEALT

262.	Bistrita	steel	4x42	Garleni-Buhus
263.	Clacau	"	4x41	Buhus-Podgoreni

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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	located between the Stations of:
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LXXXII. Section BUKARESTI - ROMAN

264.	Barlad	steel	1x52	Bukaresti-Negresti
265.	Durduc	"	1x50	" "
266.	Barlad	"	1x40	" "
267.	"	"	1x50	Negresti-Rafaila
268.	"	"	1x50	Rafaila-Bacesti
269.	Condroaia	"	1x30	" "
270.	Siret	wood	18+11.5	Sagna-Roman

LXXXIII. Section PASCANI - JASI

271.	Siret	steel	3x42	Pascani-Ruginosa
272.	Bahlui	"	1x31	P. Iloaiei-Cucuteni

LXXXIV. Section ILOAIEI - HARELD

273.		steel	1x31	P. Iloaiei-Spinoasa
274.		"	1x31	" "
275.		"	1x31	" "
276.		"	1x31	Spinoasa-Belcesti
277.		"	1x31	Hodora-Cotnari

LXXXV. Section VLADISTII - LEONDA

278.	Siret	steel	1x71	Dumbrava-Bucecea
279.		"	3x26	" "
280.		"	1x38	" "

LXXXVI. Section DARMANESTI - FLORENTI

281.	Suceava	steel	1x31	Darmanesti-Parhanti
			6x38	
282.	Solonet	"	4x59	" "
283.	"	"	1x31	Cacica-Strigoia
284.	Humora	"	4x15	Palticosa-Gura Humorului
285.	Ioldava	"	2x30	
			2x35	Gura Humorului-Frasin
			130	
286.	Suceava	"	3x21	
			1x31	" " "
			94	
287.	Ioldava	"	4x17	
			1x33	Frasin-Iolid
			101	
288.	Dobra	"	2x16	Iolid-Vama
289.	Ioldavita	"	1x31	
			2x38	
			107	
290.	Ioldava	"	4x17	
			1x20	Vama-Frisaca
			82	
291.	Ioldava	"	2x20	
			2x24	" "
			88	

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Number on chart	River or Valley	Type of structure	Total Length: (spans in meters)	Located between the stations of:
292.	Loldava	steel	4x17 1x20 88	Prisaca-Campulung
293.	Distruta	"	1x34	Argestru-V.Dornei
294.	Dorna	"	1x18	V.Dornei-Rosu
295.		flat gir- ders on wooden piers	3x9.5 2x5.5 39.5	Rosu-Candrei

LXXXVI. Section Vama - LOLDOVITA

296.	Loldovita	flat gir- ders on wooden piers	7x9.6
297.	Ciumarna	"	3x9 2x4 35
298.	Loldava	steel	2x16 1x18 49
299.	Loldava	"	2x16 1x17 49

LXXXVIII. Section DOMESTII - SALATIN

300.	Suceava	steel	10x22
301.	Putna	"	2x17
302.	Suceava	"	2x21 1x33 75
303.	Suceava	"	3x11 2x10 53
304.	"	flat girder on wooden piers	5x10

LXXXIX. Section GURA PUTNELI - PUTNA

305.	Putna	steel	6x10
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LXX. ZARLENI - FALCIU

306.		wood	4x4.5 59
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CATII. Section LOGOSAI - CONSTANTA

307.	Basaj inf.	steel con-	1x37	Logosai
308.	Borcea	steel	3x50	Retesti-Ovidiu
309.	"	"	3x140	" "
310.	"	"	8x50	" "
311.	Jezer	"	34x42.8	Ovidiu-Dunarea

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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the stations of:
312.	Dunarea	steel	15 spans 791.05	Dunarea-Cernavoda
313.	Dunares	"	2x109.65 1x190 2x140 699.3	Ovidiu-Cernavoda

CALV. Section CIULNITA - SLOBOZIA

314.	Jalomita	steel	2x9 2x60 138
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CALV. Section FALCUI - FETESTI

315.	Falcuia	steel	3x42
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CALV. Section LEDGIDIA - IARDU VODACALV. Section LEDGIDIA - BABADAG - TULCEA

316.		concrete arches	5x11
317.	Casimcea	"	2x7 3x15 59

CALV. Section BUGUDESTI-ROAD - BUG-SUD - GIURGIU

318.	Damborita	steel	2x20 1x39 79
319.	Calbar I	"	1x39
320.	"	"	1x39
321.	Arges	"	3x64
322.	Iscajlov	"	1x50
323.	Sft. George	"	2x36

CALV. Section MADAH - CIULBAGHIU

324.	Orisul Alb	steel	2x60
325.	"	"	2x50 1x40 140

CALV. Section SANIADA - BUCU

326.	Olgier	steel	1x30
327.	Orisul Alb	"	2x35
328.	Lebes	"	1x30
329.	Orisul Alb	"	2x20
330.	"	"	2x10 1x40 60
331.	"	"	2x30

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Number on chart	river or Valley	Type of Structure	Total Length: (spans in meters)	Located between the Stations of:
332.	Crissalb	steel	2x25	
333.	" "	"	2x25	
334.	" "	"	1x40	
335.	" "	"	1x40	
336.	" "	"	1x40	

Romanian Territory ceded to Hungary from 1940 until 1945

Section FULBOKLADANY - MAGYVARAD - KOLOSZVAR

337.	Sebes-Kecersce	steel	96	Oradea
338.	Kecersce	"	19.50+	(Kev) x)
			23.50+	
			19.50	
339.	"	"	31	Garbau
340.	"	"	31	"
341.	Szamos	"	41.90	Cluj
342.	"	"	20.76	"

Section FULBOKLADANY - MAGYKAROLY - DEB - KOSNA

343.	Arasna	steel	30	Tiriam
344.	Szamos	"	21	Tigani
345.	"	"	4x31.50	Surdac
346.	"	"	24	(Alsokosaly) x)
347.	Gr. Szamos	"	3x40	Dej
348.	"	"	20.28	Cuzdricara
349.	"	"	20.32	"
350.	"	"	41.20	Ciceu Cristur
351.	"	"	20.50	Beclean
352.	"	"	2x31	"
353.	"	"	2x20.50	"
354.	Sajo	"	2x39	(Szamoskoz) x)
355.	"	"	3x30.88	Lititei
356.	"	"	46	Nasaud
357.	"	"	51	Ilva Lica
358.	"	"	20+10.50+	(Nagilva) x)
			27 27	
359.	"	?	3x15	(Szilvas) x)
360.	"	?	4x15	" x)
361.	"	steel	10+15+	" x)
			5x20+10x15	
362.	"	"	100	(Fenyves) x)
363.	"	"	90	" x)
364.	"	"	80	(Kertecske) x)
365.	"	"	80	" x)
366.	"	?	100	Cosna
367.	"	?	50	"
368.	"	steel	28	"

Section KISILVA - CRADIA

369.	Ilva	steel	40	Ilva Lica
370.	"	"	21	Laieru

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Number on chart	River or Valley	Type of structure	Total Length: (span in meters)	Located between the stations of:
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Section SALVA - HORDO - TILCO

371.	Salva	steel	20	Salva
372.	"	"	30	(Hordo) x)

Section VISOTOLLEY - BAKUSA

373.	Viso	steel	75	Valca Visaului
374.	"	"	80	Visau Bistra
375.	"	"	45	Loisei

Section APANITA - DLS

376.	Samon	steel	2x8+3x	(Alcsanak) x)
			26.60+90	
377.	"	"	22	" x)
378.	"	"	21	Valasud Bontida
379.	"	"	21	(Nagyklod) x)
380.	"	"	44+40	(Szamosujvar) x)
381.	"	"	45+40	(Komafelso) x)
382.	"	"	21	Dej

Section Deda - SZARHETFAVA

383.	Hepapatok	steel	65	(Alsorepa) x)
384.	Nagyvodely	"	60	" x)
385.	Laroshceveszi	"	20	" x)

Section NYARADFOU - SZARHETFAVA

386.	Baros	steel	31	neghin
387.	"	"	21, 25+41,	Deda
			40+21, 25	
388.	"	"	61, 60	"
389.	"	"	20, 95	Nastolita
390.	"	"	35	(Galocasigoesfueresz) x)
391.	"	"	31	(Gyergyovarhegy) x)
392.	"	"	31	" x)
393.	"	"	21.50	(Csikmadaras) x)
394.	"	"	31	Sansimon
395.	"	"	42	Tusned Sat
396.	"	"	36.20	" Bai
397.	"	"	41.20	Lalnas Bai
398.	"	"	41.20	" "
399.	"	"	41.20	Bodoc

Section LADA VALVA - GYIMESBUKK

400.	Karako	steel	100+2x50	(Lovesz) x)
401.	Utassaly	"	7x12	" x)
402.	Banya	steel	50	(Gyimesfelsodobok) x)
403.	"	"	50	" x)
404.	"	"	5x50	" x)
405.	"	"	4x30	(Gyimesbuekk) x)
406.	"	"	2x15+4x50	" x)

x) Place names given in brackets are in Hungarian, the Rumanian designations are unknown.

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Number on chart	River or Valley	Type of Structure	Total Length: (spans in meters)	Located between the stations of:
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XXV. Section PLU-371 - DOMESTIC

407.	Teleajen	steel	5x39 1x49 244	Teleajen-V. Calugareasca
408.	Cricov	"	2x39 6x48.40	V. Calugareasca-Albostiti
409.	Buzau	steel concrete	6x48.40	Buzau-Vadul-Pascii
410.	Barat	steel	5x39	Joita-Barat
411.	Blanic	concrete arches	2x8 1x15 31	Voitin-Sihlea
412.	Blanca	steel concrete arches	2x49 1x31 69	Sihlea-Gugesti
413.	Illeov	"	3x30	Cotesti-Focsani
414.	Putna Beaca	steel	4x42	Focsani-Putna Beaca
415.	Jusita	"	2x39	Putna Beaca-Iarasesti
416.	Caragna	"	1x39	Padureni-Pufesti
417.	Protus	"	4x50 2x58 316	Pufesti-Adjud
418.	Bistricioara	"	1x39	Bacau-Itesti
419.	Revarsare	"	1x30	" "
420.	Bistrita	"	4x54	" "
421.	Holdova	"	6x39	Trifesti-Roman
422.		solid stone arches	6x10	Malaucesti-Muncel
423.	Suceava	steel	2x14	Liteni-Veresti
424.		"	1x39	

XXVI. Section CRI-10V. - ROSIORI - BUKAREST
(incomplete)

425.	?	viaduct, height 20 meters	3x57	Carcea (status December 1949)
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XXVII. Section FUR-I - TLUCU
(incomplete)

426.	Cireth	steel	400 m number of spans un- known	Suraia (status October 1949)
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No.	Designation of Tunnels	section from to	between or near the towns of	entrance near	exit near	length of tunnel	Remarks
				km	km	km	
<u>Inspection L.1 BUCURESTI</u>							
1.	Posada (large)	Bucuresti-Fredeal	Posada-Valca Larga	115.243	115.382	139	
2.	Posada (small)	Bucuresti-Fredeal	Posada-Valca Larga	116.768	116.824	56	
3.	Bustoni	Bucuresti-Fredeal	Bustoni-Azuga	133.783	133.903	120	
4.	Repele Carol I.	Bucuresti-Palas-Constanta Fort	Palas-Constanta	224.669	225.159	490	
<u>Inspection L.2 BRAILA</u>							
5.	Filesti	Barbosi-Galati	Filesti-Galati	255.472	256.258	785	
6.	Salina	Adjud-Palanca	Salina Doftcana Bacau	54.676	55.057	198	
7.	Goiocasa	Adjud-Palanca	Asau Goioasa	84.432	84.773	341	
8.	Talasmani (Beresti)	Galati-Barlad	Beresti-Talasmani	80.912	84.239	3.327	
<u>Inspection L.3 CRAIOVA</u>							
9.	Carligul Mic	Ramnicul Valcii-Raul Vadului	Turnu-Lotru	317.931	318.382	450	
10.	Carligul Mare	" " "	" "	319.666	320.278	612	
11.	Arrasarul (Galeria)	" " "	" "	320.725	320.834	108	
12.	Gura Lotrului	" " "	" "	321.737	321.901	164	
13.	Albioara	" " "	" "	328.706	328.777	70	
14.	Cornet	" " "	Lotru-Cornet	332.298	332.332	33.65	
15.	Raul Vadului	" " "	Raul Vadului-Boita	352.050	352.149	98	
<u>Inspection L.4 BRASOV</u>							
16.	Beia	Brasov-Teius	(Bea) Beia-Archita	264.826	265.461	635	
17.	"	Campia Turzii-Tunnel	Valca Florilor-Boju	471.217	471.298	81	

List of tunnels located on the Hunan-Haiti Road Lines

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No.	Designation of Tunnels	section from to	between or near the towns of:	entrance near km	exit near km	length of tunnel	remarks
18.	Beja	Campia Turzii-Tunnel	Valea Florilor-Boju	471.217	417.298	81	double-track
19.	"	" " "	Boju Tunnel	473.522	473.754	232	
20.	"	" " "	" "	473.522	473.754	232	" "
21.	"	" " "	" "	478.118	478.455	337	
22.	"	" " "	" "	478.118	478.455	337	
23.	"	" " "	" "	479.519	479.703	184	
24.	"	" " "	" "	479.519	479.703	184	
25.	"	Turda-Abrud	Plaszi-Ruru	16.110	16.174	63	
26.	"	" "	Ocolis-Salsiua	37.580	37.593	14	
27.	Diama	Brasov-Podul Olt	Valca Homocului-Sinea Noia	38.347	38.882	535	
28.	Predeal Tunnel nou	Tunelul nou (small)	Predeal-Brasov (right)	145.700	145.828	128	
29.	Predeal	" (large)	" " (")	146.820	147.783	963	
30.	Tunelul alt (small)	Predeal	" " (left)	145.658	146.762	104	
31.	" (large)	"	" " (II ")	146.732	147.671	939	
32.	"	Brasov-Intorsura Buzaului	Brasov-Intorsura Buzau	20.823	21.200	377	
33.	"	" " "	" " "	23.037	23.137	100	
34.	Telba	" " "	" " "	30.251	34.680	4,369.50	
35.	"	Oravita-Anina	Lisava-Garlisto	19.894	19.966	72	
36.	"	" "	" "	19.673	19.749	76	
37.	"	" "	" "	19.194	19.423	230	
38.	"	" "	" "	18.838	18.960	122	
39.	Manel	" "	" "	13.966	13.262	296	
40.	"	" "	" "	13.775	13.866	91	
41.	Rackitoberg	Gura Vail-Garamsebes	Mehadia-Iablanita	413.220	413.668	448	
42.	Strapita	" " "	" "	414.004	414.941	935	
43.	Ratonia	" " "	Dobasnea Cornea Poarta	436.134	437.032	898	
44.	Temes	" " "	Teregova-Armenis	446.811	447.680	268	
45.	Tampa	" " "	Armenis-Slatina Timisu- lui	450.893	451.162	269	
46.	Deelul Vail	Ilja-lugoj	Laesirea din st.Holdea	24.210	24.614	404	

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Annex 5b
25X1A

No.	Designation of Tunnels	section from to	between or near the towns of:	entrance	exit	length of tunnel	remarks
				km	near km		
47.	Coltan	Voiteni-Resita	Coltan-Monion	59.471	59.540	69	
48.		Oravita-Anina	Lisava-Garliste	20.326	20.443	47	
49.		" "	" "	20.541	20.598	57	
50.	Polamb	" "	" "	22.531	22.821	290	
51.		" "	Galiste-Anina	25.385	26.016	630	
52.		" "	" "	28.869	28.895	26	
53.		" "	" "	30.526	30.560	34	
54.		" "	" "	30.650	30.681	31	
55.		" "	" "	31.108	31.168	60	
56.		Berzovia-Oravita	Surdac Banat-Comoraste	23.632	23.689	57	
<u>Inspection L.6 ARAD</u>							
57.	Crividia	Simeria-Lupeni	Crividia-Merisor	59.011	59.109	98	
58.	Varfu Tigera Ratitu	" "	" "	59.358	59.414	55	
59.	Legula	" "	" "	60.291	60.314	23	
60.	Varful Tatarului	" "	Merisor-Banita	63.299	63.371	72	
61.	Varful Mandrului I	" "	" "	63.586	63.631	45	
62.	" " Dosului	" "	" "	64.152	64.290	138	
63.	" " II	" "	" "	64.635	64.779	143	
64.	Dealul Banita	" "	" "	66.672	67.284	614	
65.	Dealul Frunzelor	" "	Banita-Festera Bolii	72.125	72.330	205	
66.	Gorbana Frunzelor	Santana-Brad	Varfuri-Halmagui	108.268	108.515	247	
67.		Vintul de Jos-Sibiu	Gales-Aspoldul de Jos	38.548	38.671	123	
<u>Inspection L.7 JASI</u>							
68.	Barnova	Jasi-Rosiesti	Barnova	389.549	389.784	235	
69.	Epereni	Cucuteni-Dorohoi	Cucuteni-Movileni	8.141	9.105	964	

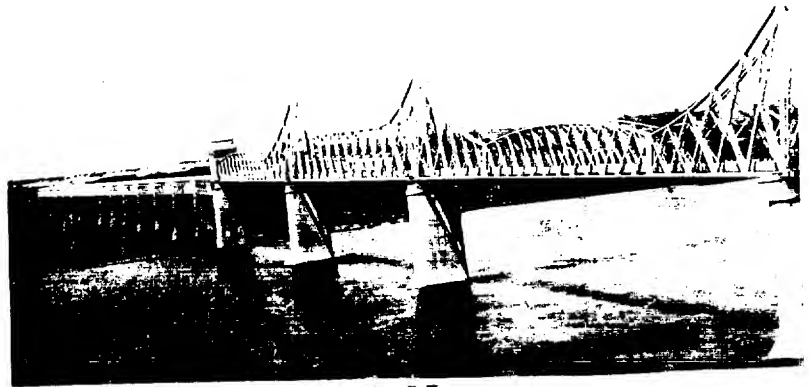
No.	Designation of Tunnels	section from to	between or near the towns of:	entrance km	exit near km	length of tunnel	remarks
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Inspection L.8 GERNAUTI

70.	Mestecanis	Darmanesti-Vatra D arnei	Mestecanis	89.758	91.979	1.621	
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Rumanian Territory ceded to Hungary from 1940 until 1945

71.	Stana	Stana				150	
72.	Cojoena	Apahida-Tunel				200	
73.	Cojoena	Apahida-Tunel				200	
74.	Maierus	Iiva Mica-Maieru				180	
75.	Monor	Seretel-Monor				496	
76.	Monor	Seretel-Monor				930	
77.	Mures Izvor	Voslab-Mures Izvor				400	
78.		Petru Rareș-Palanca				1.391.5	



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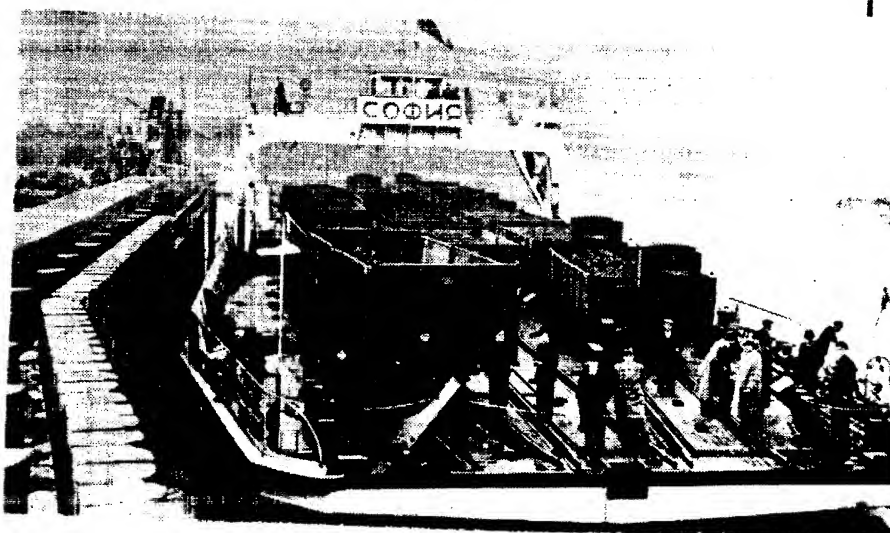


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Annex



RR Ferryboat "Sofia" on the Danube River

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